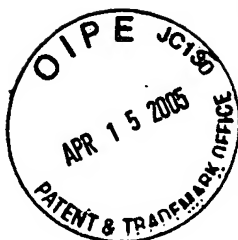


FRJ



Practitioner's Docket No. 2002-IP-007056U2

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent application

of \_\_\_\_\_  
Inventor(s)

for \_\_\_\_\_  
Title of Invention

**OR**

In re application of: Larry S. Eoff, et al

Application No.: 0 10/825,001

Group Art Unit:

Filed: 04/15/2004

Examiner:

For: Hydrophobically Modified Polymers for a Well Completion Spacer Fluid

**Mail Stop Amendment**

**Commissioner for Patents**

**P.O. Box 1450**

**Alexandria, VA 22313-1450**

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))**

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***

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Date: 4/13/05

Tammy Knight  
Signature

Tammy Knight

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action [8-3]—page 1 of 3)

**NOTE: 37 C.F.R. 1.98(b):**

- (1) Each U.S. patent listed in an information disclosure statement must be identified by inventor, patent number, and issue date.
- (2) Each U.S. patent application publication listed in an information disclosure statement shall be identified by applicant, patent application publication number, and publication date.
- (3) Each U.S. application listed in an information disclosure statement must be identified by the inventor, application number, and filing date.
- (4) Each foreign patent or published foreign patent application listed in an information disclosure statement must be identified by the country or patent office which issued the patent or published the application, an appropriate document number, and the publication date indicated on the patent or published application.
- (5) Each publication listed in an information disclosure statement must be identified by publisher, author (if any), title, relevant pages of the publication, date, and place of publication.

**WARNING:** No extension of time can be had under 37 C.F.R. § 1.138 (a) or (b) for filing an IDS. 37 C.F.R. § 1.97(f).

**NOTE:** The "filing date of a national application" under 37 C.F.R. § 1.97(b) has two possible meanings. Where the filing is a direct one to the United States Patent & Trademark Office, the filing is defined in 37 C.F.R. § 1.53(b) as "the date on which: (1) A specification containing a description pursuant to § 1.71 and at least one claim pursuant to § 1.75; and (2) any drawing required by § 1.81(a), are filed in the Patent and Trademark Office in the name of the actual inventor or inventors as required by § 1.41." 37 C.F.R. § 1.97(b)(1). On the other hand, an international application that enters the national stage occurs when the applicant has filed the documents and fees required by 35 U.S.C. § 371(c) within the periods set forth in § 1.494 or § 1.495. 35 U.S.C. § 371(c) requires the filing of the following: (1) the basic national fee; (2) a copy of the international application, unless already sent by the International Bureau, and optionally an English translation if filed in another language; and, also optionally (3) amendments under PCT Article 19, with a translation into English if made in another language; (4) an oath or declaration; and (5) a translation into English of any annexes to the international preliminary examination report, if such annexes were made in another language. The optional items must be submitted later, with surcharges. 37 C.F.R. § 1.97(b)(2).

### **IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

**NOTE:** "No certification or fee is due when the filing is made within the above time period. It is advisable to ensure that no Office action has been mailed if the disclosure statement is delayed until after three months from filing."

**NOTE:** "An information disclosure statement will be considered to have been filed on the day it was received in the Office, or on an earlier date of a mailing if accompanied by a properly executed certificate of mailing under 37 C.F.R. 1.8, or Express Mail certificate under 37 C.F.R. 1.10. An Office action is mailed on the date indicated in the Office action." Notice of April 20, 1992 (1138 O.G. 37-41, 39). See also § 609, M.P.E.P., 8th Edition.

**NOTE:** "The term 'national application' includes continuing applications (continuations, divisions, continuations-in-part) so three-months will be measured from the actual filing date of an application as opposed [sic] to the effective date of a continuing application." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

**NOTE:** "An action on the merits means an action which treats the patentability of the claims in an application, as opposed to only formal or procedural requirements. An action on the merits would, for example, contain a rejection or indication of allowability of a claim or claims rather than just a restriction requirements (37 C.F.R. 1.142) or just a requirement for additional fees to have a claim considered (37 C.F.R. 1.16(d)). Thus, if an application was filed on Jan. 1 and the first Office action on the merits was not mailed until six months later on July 1, the examiner would be required to consider any proper information disclosure statement filed prior to July 1." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

**WARNING:** "A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 C.F.R. § 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63). But see § 103(b) and (c), limited suspension of action in a continued prosecution application (CPA) filed under § 1.53(d) and in a request for continued examination (RCE) under § 1.114.

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**SIGNATURE OF PRACTITIONER**

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(type or print name of practitioner)

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P.O. Address

Duncan, OK 73536-0440

(Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office  
Action [8-3]—page 3 of 3)



**PATENT 2002-IP-007056U2**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	Larry S. Eoff, et al	)	
		)	Art Unit: Unknown
Serial No.:	10/825,001	)	
		)	
Filed:	04/15/2004	)	Examiner: Unknown
		)	
For:	Hydrophobically Modified	)	
	Polymers for a Well Completion	)	
	Spacer Fluid	)	

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

COMMISSIONER FOR PATENTS  
Alexandria, VA 22313-1450

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

**U. S. PATENTS**

U.S. Patent Number 2,863,832 issued 12/09/58 to Richard L. Perrine;  
U.S. Patent Number 2,910,436 issued 10/27/59 to Irving Fatt, et al;  
U.S. Patent Number 3,215,199 issued 11/02/65 to Richard E. Dilgren;  
U.S. Patent Number 3,251,415 issued 05/17/66 to Caurino C. Bombardieri, et al;  
U.S. Patent Number 3,297,090 issued 01/10/67 to Richard E. Dilgren;  
U.S. Patent Number 3,307,630 issued 03/07/67 to Richard E. Dilgren, et al;  
U.S. Patent Number 3,434,971 issued 03/25/69 to Bobby L. Atkins;

U.S. Patent Number 3,441,085 issued 04/29/69 to John L. Gidley;  
U.S. Patent Number 3,451,818 issued 06/24/69 to Richard R. Wareham;  
U.S. Patent Number 3,910,862 issued 10/07/75 to Eugene S. Barabas, et al;  
U.S. Patent Number 4,299,710 issued 11/10/81 to Jean Dupre, et al;  
U.S. Patent Number 4,554,081 issued 11/19/85 to John K. Borchardt, et al;  
U.S. Patent Number 4,563,292 issued 01/07/86 to John K. Borchardt, et al;  
U.S. Patent Number 4,627,926 issued 12/09/86 to Dennis G. Peiffer, et al;  
U.S. Patent Number 4,699,722 issued 10/13/87 to Brian Dymond, et al;  
U.S. Patent Number 4,959,432 issued 09/25/90 to You-Ling Fan, et al;  
U.S. Patent Number 5,244,042 issued 09/14/93 to Hoai T. Doan, et al;  
U.S. Patent Number 5,271,466 issued 12/21/93 to Weldon M. Harms;  
U.S. Patent Number 5,342,530 issued 08/30/94 to Carl W. Aften, et al;  
U.S. Patent Number 5,735,349 issued 04/07/98 to Jeffrey C. Dawson, et al;  
U.S. Patent Number 5,944,106 issued 08/31/99 to Eldon D. Dalrymple, et al;  
U.S. Patent Number 5,972,848 issued 10/26/99 to Annie Audibert, et al, (US  
English equivalent of PCT WO 93/15164, published 08/05/93);  
U.S. Patent Number 5,979,557 issued 11/09/99 to Roger J. Card, et al;  
U.S. Patent Number 6,070,664 issued 06/06/00 to Eldon D. Dalrymple, et al;  
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al;

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et al;

U.S. Patent Number 6,283,210 B1 issued 09/04/01 to Mohamed Yousef  
Soliman, et al;

U.S. Patent Number 6,380,137 B1 issued 04/30/02 to Karl Heinz Heier, et al,  
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U.S. Patent Number 6,476,283 B1 issued 11/05/02 to David D. Devore, et al;

U.S. Patent Number 6,497,283 B1 issued 12/24/02 to Larry S. Eoff, et al;

U.S. Patent Number 6,516,885 B1 issued 02/11/03 to Keith Munday;

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U.S. Patent Number 6,609,578 B2 issued 08/26/03 to Arvind D. Patel, et al;

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01/30/03 by Qi Qu, et al;

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05/27/04 by Keng Seng Chan, et al;

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03/11/04 by Larry S. Eoff, et al (S/N 10/236,722, Ref. No. 2000-IP-002244U1,  
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09/02/04 by Frank Zamora, et al (S/N 10/375,787, Ref. No. 2002-IP-007056U1, filed 02/27/03);

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U.S. Patent Application Serial Number 10/763,800, *Methods and Compositions for the Diversion of Aqueous Injection Fluids in Injection Operations*, filed 01/24/04 by Larry S. Eoff, et al (Ref. No. 2002-IP-009464U1);

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U.S. Patent Application Serial Number 10,806,894, *Permeability-Modifying Drilling Fluids and Methods of Use*, filed 03/23/04 by Larry S. Eoff, et al (Ref. No. 2001-IP-005267U1P2).

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European Patent Number EP 0 896 122 A2 published 02/10/99 by Eldon D. Dalrymple, et al (including A3);

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U.S. Patent Number 6,380,137 B1;

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European Patent Number 1 312 753 A1 published 05/21/03 by George J. Hirasaki, et al;

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68973, 2001, Society of Petroleum Engineers, Inc., presented at SPE European Formation Damage Conference, The Hague, The Netherlands, May 21-22, pp.

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*Aquacon, Product Information*, 08/01/01, pp. 1-2 by BJ Services Company; and *Aquatrol I, Product Information*, 12/14/00, pp. 1-2 by BJ Services Company.

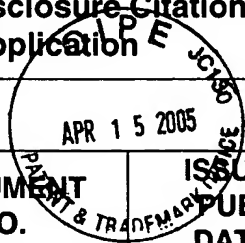
Copies of the aforementioned non-patent references and Form PTO-1449 are submitted herewith.

Respectfully submitted,



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PTO-1449	Application No. <b>10/825,001</b>	Applicant(s) <b>Larry S. Eoff, et al</b>	
	Docket Number <b>2002-IP-007056U2</b>	Group Art Unit	Filing Date <b>04/15/2004</b>
Information Disclosure Citation in an Application			



### U.S. PATENT DOCUMENTS

DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
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6,070,664	06/06/00	Dalrymple, et al	166	281	02/12/98
6,187,839 B1	02/13/01	Eoff, et al	523	130	03/03/99

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449	Application No. <b>10/825,001</b>	Applicant(s) <b>Larry S. Eoff, et al</b>	
	Docket Number <b>2002-IP-007056U2</b>	Group Art Unit	Filing Date <b>04/15/2004</b>

**U.S. PATENT DOCUMENTS**

		DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
		6,228,812 B1	05/08/01	Dawson, et al	507	221	04/05/99
		6,237,687 B1	05/29/01	Barbee, Jr., et al	166	278	06/09/99
		6,253,851 B1	07/03/01	Schroeder, Jr., et al	166	278	09/20/99
		6,283,210 B1	09/04/01	Soliman, et al	166	270	09/01/99
		6,380,137 B1 (English Equiv. of EP 1 033 378 A1)	04/30/02	Heier, et al	507	121	03/02/00
		6,476,283 B1	11/05/05	Devore, et al	585	250	06/29/00
		6,497,283 B1	12/24/02	Eoff, et al	166	293	11/19/01
		6,516,885 B1	02/11/03	Munday	166	295	01/26/99
		6,569,983 B1	05/27/03	Treybig, et al	528	102	12/20/01
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		US 2003/0019627 A1	01/30/03	Qu, et al	166	281	01/17/02
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		US 2004/0045712A1 (US Pat. App. Ser. No. 10/236,722)	03/11/04	Eoff, et al (Ref. No. 2000-IP-002244U1)	166	293	09/06/02
		US 2004/0171495A1 (US Pat. App. Ser. No. 10/375,787)	09/02/04	Zamora, et al (Ref. No. 2002-IP-007056U1)	507	100	02/27/03
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		US 2004/0229757A1 (US Pat. App. Ser. No. 10/760,443)	11/18/04	Eoff, et al (Ref. No. 2001-IP-005267U1P1)	507	219	01/20/04

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449  <b>Information Disclosure Citation in an Application</b>	Application No. <b>10/825,001</b>	Applicant(s) <b>Larry S. Eoff, et al</b>	
	Docket Number <b>2002-IP-007056U2</b>	Group Art Unit	Filing Date <b>04/15/2004</b>

### U.S. PATENT DOCUMENTS

		DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
		US 2005/0000694A1 (US Pat. App. Ser. No. 10/612,271)	01/06/05	Dalrymple, et al (Ref. No. 2002-IP-007945U1)	166	307	07/02/03
		US Pat. App. Ser. No. 10/763,800	-	Eoff, et al (Ref. No. 2002-IP-009464U1)	-	-	01/24/04
		US Pat. App. Ser. No. 10/780,995	-	Eoff, et al (Ref. No. 2002-IP-007848U1)	-	-	02/18/04
		US Pat. App. Ser. No. 10/806,894	-	Eoff, et al (Ref. No. 2001-IP-005267U1P2)	-	-	03/23/04

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No
		DT 2 250 552	04/18/74	Germany	39b4	19/00	X	
		EP 0 896 122 A2	02/10/99	Europe	E21B	33/138	X	
		EP 1 033 378 A1 (See Equivalent, US 6,380,137 B1)	-	-	-	-		X
		EP 1 312 753 A1	05/21/03	Europe	E21B	33/138	X	
		GB 2 221 940 A	02/21/90	UK	C09K	7/02	X	
		WO 93/15164 (See Equivalent, US 5,972,848)	-	-	-	-		X
		WO 02/097236 A1	12/05/02	PCT	E21B	43/02	X	

**EXAMINER**

**DATE CONSIDERED**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

